Remote Benchmark Controller (RBC) - unsynchronized

Participants: RBC, RemoteConnection1, Benchmark1, RemoteConnection2, Benchmark2, DataStore

- create()
  - create() → RemoteConnection1
  - create() → Benchmark1
  - create() → RemoteConnection2
  - create() → Benchmark2
- run()
  - setupDataStore() → DataStore
  - open() → RemoteConnection1
  - open() → RemoteConnection2
  - storeConfigurationRun() → DataStore

parallel

loop [For each experiment for Host1]
- setupExperiment() → Benchmark1
  - saveToFile()
- runExperiment() → Benchmark1
  - execute()
- finishExperiment() → Benchmark1
  - deleteFile()
- storeExperimentRun() → DataStore
- storeHostExperimentResult() → DataStore

loop [For each experiment for Host2]
- setupExperiment() → Benchmark2
  - saveToFile()
- runExperiment() → Benchmark2
  - execute()
- finishExperiment() → Benchmark2
  - deleteFile()
- storeExperimentRun() → DataStore
- storeHostExperimentResult() → DataStore

- finishConfigurationRun() → DataStore
- close() → RemoteConnection1
- close() → RemoteConnection2
- closeDataStore() → DataStore